	Lys	Glu	915		Asp	Ala	Leu	920		Asn	Ser	Gln	925	-	Arg	Leu
5	Gln	Val 930	_	Thr	Asn	Ile	Ala 935	Met	Ile	His	Ala	Ala 940	Asp	Lys	Arg	Val
	His 945	Arg	Ile	Arg	Glu	Ala 950	Tyr	Leu	Pro	Glu	Leu 955	Ser	Val	Ile	Pro	Gly 960
10	Val	Asn	Ala	Ala	Ile 965	Phe	Glu	Glu	Leu	Glu 970	Gly	Arg	Ile	Phe	Thr 975	Ala
15	Tyr	Ser	Leu	Tyr 980	Asp	Ala	Arg	Asn	Val 985	Ile	Lys	Asn	Gly	Asp 990	Phe	Asn
	Asn	Gly	Leu 995	Leu	Cys	Trp	Asn	Val 1000	-	Gly	His	Val	Asp 1005		Glu	Glu
2 0	Gln	Asn 101(His	Arg	Ser	Val 1015		Val	Ile	Pro	Glu 1020	_	Glu	Ala	Glu
See the state of t	Val 1025		Gln	Glu	Val	Arg 1030		Cys	Pro	Gly	Arg 1035	_	Tyr	Ile	Leu	Arg 1040
2 5	Val	Thr	Ala	Tyr	Lys 1045		Gly	Tyr	Gly	Glu 1050	_	Cys	Val	Thr	Ile 1055	
	Glu	Ile	Glu	Asp 1060		Thr	Asp	Glu	Leu 1065	Lys	Phe	Ser	Asn	Cys 1070		Glu
	Glu	Glu	Val 1075		Pro	Asn	Asn	Thr 1080		Thr	Cys	Asn	Asn 1085	_	Thr	Gly
1.1 1.1 5.5		Gln 1090		Glu	Tyr	Glu	Gly 1095		Tyr	Thr	Ser	Arg 1100		Gln	Gly	Tyr
	Asp 1105		Ala	Tyr	Gly	Asn 1110		Pro	Ser	Val	Pro 1115		Asp	Tyr	Ala	Ser 1120
10	Val	Tyr	Glu	Glu -	Lys 1125		Tyr	Thr	Asp	Gly 1130		Arg	Glu	Asn	Pro 1135	
15	Glu	Ser	Asn	Arg 1140	_	Tyr	Gly	Asp	Tyr 1145	Thr	Pro	Leu	Pro	Ala 1150	_	Tyr
, 5	Val	Thr	Lys 1155	-	Leu	Glu	Tyr	Phe 1160		Glu	Thr	Asp	Lys 1165		Trp	Ile
50	Glu	Ile 1170		Glu	Thr	Glu	Gly 1175		Phe	Ile	Val	Asp 1180		Val	Glu	Leu
	T.e.:	T.em	Met	Glu	Glu											

1185

5	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 3567 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 															
10		(ix		A) N	AME/		CDS									
15		(xi) SE	QUEN	CE D	ESCR	IPTI	ON:	SEQ	ID N	0:11	:				
13		Glu									CCT Pro					48
2 0											CGG Arg					96
2 5											CAG Gln					144
											TTA Leu					192
30 35 35											TTT Phe 75					240
											GCT Ala					288
40											AAT Asn					336
45											CCA Pro					384
50											CTA Leu					432
											CCC Pro					480

(2) INFORMATION FOR SEQ ID NO:11:

_	CAA Gln			Leu			Leu			Ile	528
5	GGA Gly		Trp			Ile					576
10	AGA Arg										624
15	TAT Tyr 210										672
20 ()	ATA Ile										720
25	ATC Ile										768
of the party process of the pa	CCA Pro	Val									816
30	TTT Phe										864
35	ATG Met 290			Ala							912
40	AAT Asn		Ile								960
45	TGG Trp										1008
73	ACA Thr	Ser									1056
50	TTT Phe										1104